Keor SPE Tower

SINGLE-PHASE UPS
Tower version from 750 to 3000 VA

#legrandImprovingLives

legrand®

SUSTAINABILITY

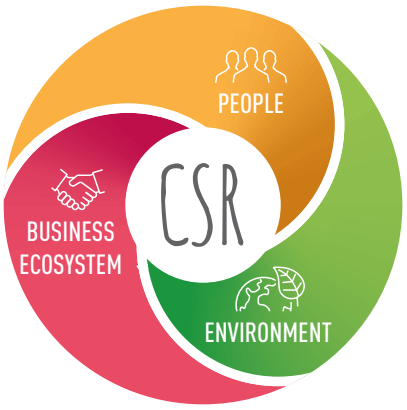
Corporate Social Responsibility

Green management and sustainable supply chain: these concepts are part of Legrand's Corporate Social Responsibility, which is the company's commitment to drawing up a strategy and implementing it with practical actions aimed at socially responsible behaviour towards everything around it, such as people, things and environment.
CSR involves the management of human resources, the organisation and division of labour and the management of natural resources. CSR aims to assess the impact that the company's actions and decisions have internally, but also externally, on the stakeholders and the environment.

BUSINESS ECOSYSTEM
or how Legrand interacts ethically with the whole ecosystem of its activities.

PEOPLE
or how Legrand engages with all of its employees and stakeholders.

ENVIRONMENT
or how Legrand intends to limit the Group's environmental impact.



Circular economy

We are committed to creating a system that involves all stakeholders to share values, objectives and actions in order to control and reduce the environmental impact of all our economic and production processes, reduce waste and environmental impact and transform what would once have been defined as «waste» into new resources. Controlling these aspects has an impact on the entire life cycle of the product, starting from the design of new concepts and new specifications for the materials the UPS is made of; this is possible through responsible design and procurement processes (so-called «green procurement»), with a strong focus on research and the use of innovative materials from the circular economy and alternative raw materials. When a product ends its life, all these materials can become high value-added resources that can be used in other production cycles.

Digitalisation

Many of our documents are now available in a digital format to view on a PC or smartphone, not only making them always accessible but also reducing the amount of paper we use. Digitalisation also becomes an important driver of the circular economy, since it allows the use of tools for performance data analysis and preventive diagnostics, both useful for optimising the life cycle and durability of the product.

Efficiency

Our R&D team is constantly working on the development of increasingly efficient UPSs that allow high and incremental performance with minimum energy dissipation; with regard to CO_2 emissions, we are implementing processes and products that represent an improvement in the percentage of carbon footprint compared to the past.
But efficiency is not only synonymous with high performance.
For us, efficiency also means ecodesign: this implies that the UPS is designed to be easily repaired, maintained and it's easy to separate its components.
This means increasing the durability of our UPSs and the possibility of reusing and recycling them at the end of their life.

EPD/PEP

For each product family we draw up an EPD (Environmental Product Declaration) or PEP (Profil Environnemental Produit) in line with ISO 14025: it is a declaration that is a sort of environmental photograph of the product.
The EPD is drawn up according to the concept of Life Cycle Assessment: it examines the environmental impact of a product throughout its life cycle, from the development of product specifications to the choice of materials to be used and the end-of-life destination of the product itself.

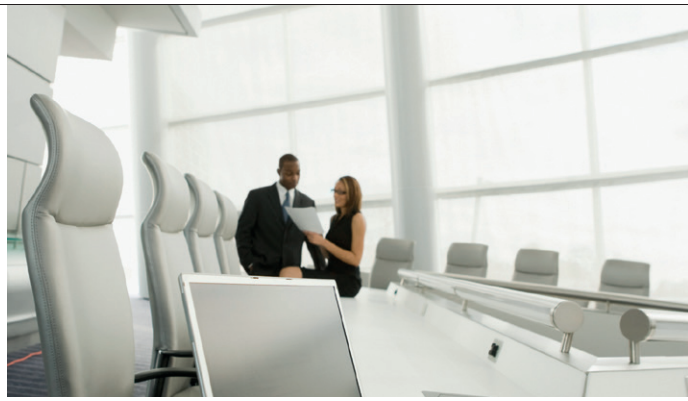
UPservice contains the full documentation of UPS products in digital format.
This tool allows to reduce the use of paper documents in favourof the digital format for the benefit of a lower environmental impact. Visit our website **ups.legrand.com** to download the app.

UPS SUPPORTED BY UPSERVICE

Keor SPE
tower version

SINGLE-PHASE UPS

Legrand UPS Keor SPE Tower is an uninterruptible power supply with Line Interactive technology and a pure sinewave output.
It delivers a rated power from 750 to 3000 VA, is managed by a microprocessor, is equipped with integrated self-diagnostics and works on cold-start.
The most intelligent and efficient network power protection is combined with a refined aesthetic design.

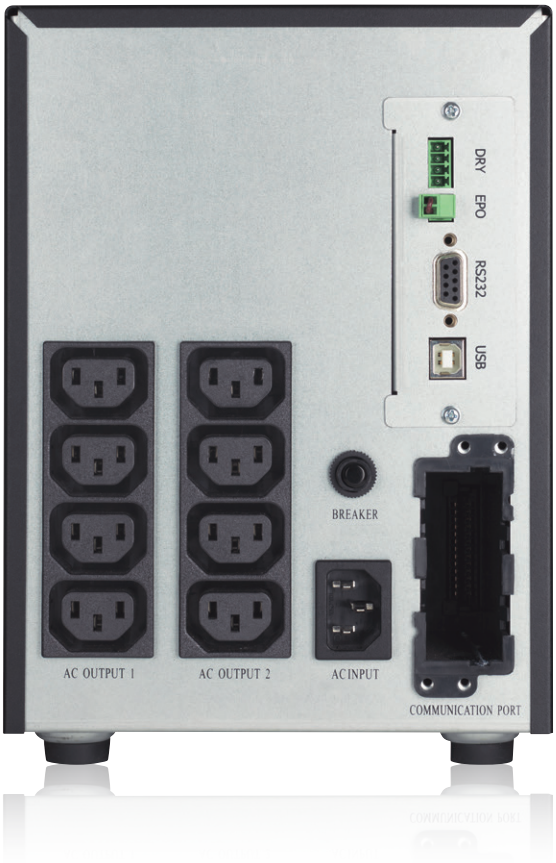


The main features of Keor SPE Tower are:

- Compact size and lightweight
- Reliablity
- User friendly LCD and navigation
- Hot swappable battery
- Multiple programmable outlets
- Multiple communication options
- EPO
- Remote ON/OFF function

Perfect communication

Keor SPE Tower is equipped with smart communication ports and it can be connected to a PC through the USB and Serial RS232 serial port. The user can therefore monitor its operation through the free software and carry out an emergency shutdown of Windows and Linux operation systems.



The presence of an electronic stabiliser (AVR) inside the UPS provides the connected loads with effective protection against any interference in the electrical mains.

User friendly LCD display

The 5-button control panel and LED bar allow easy use of the display and quick and intuitive reading of UPS signals.

LED Bar:

- **GREEN**: Everything is OK on UPS. Load is protected.
- ORANGE: The load is supplied by UPS, but an alarm is active, a check is required.
- RED: The load is not supplied by UPS. Ongoing emergency.

Keor SPE tower version

Line Interactive UPS - Single phase VI-SS

3 110 60

Characteristics

- Power Factor: 0.8
- User friendly LCD display
- Wide input voltage range and frequency
- Hot swappable battery
- Programmable extended quantity of outlets
- Overload, short circuit, back-feed, overtemperature protection
- Powerful built-in charger
- Cold start (DC power on)
- RS232 & USB - SNMP Slot
- EPO (Emergency Power Off)
- 2 dry contacts
- Compact size & light weight

Item	UPS Keor SPE Tower				
	Nominal power (VA)	Active power (W)	Backup time (min)	Number of sockets (10A/16A) IEC	Communication
3 110 60	750	600	9	6 / -	USB & RS232 – SNMP slot
3 110 61	1000	800	7	8 / -	
3 110 62	1500	1200	7	8 / -	
3 110 63	2000	1600	7	8 / -	
3 110 64	3000	2400	4	8 / 1	

Item	UPS Keor SPE Tower UK version				
	Nominal power (VA)	Active power (W)	Backup time (min)	Number of sockets (10A/16A) IEC	Communication
3 112 55	750	600	9	6 / -	USB & RS232 – SNMP slot
3 112 56	1000	800	7	8 / -	
3 112 57	1500	1200	7	8 / -	
3 112 58	2000	1600	7	8 / -	
3 112 59	3000	2400	4	8 / 1	

Item	Accessories
3 110 78	10 A British Standard cable for 3 112 55 - 3 112 56 - 3 112 57
3 110 79	16 A British Standard cable for 3 112 58 - 3 112 59

Product Environmental Profile

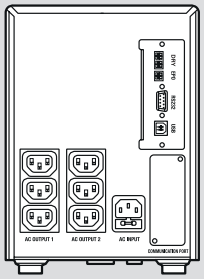
UPservice platform

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment.

In accordance with its policy of continuous improvement, the Company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in this catalogue are given as a guide only.

Characteristics

Keor SPE 750 - 1000 VA



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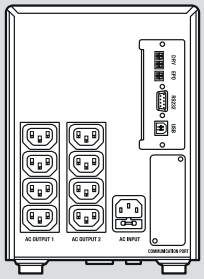

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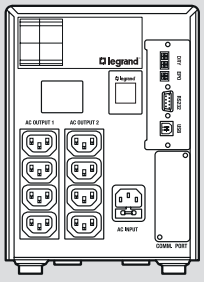
Keor SPE 1500 - 2000 - 3000 VA



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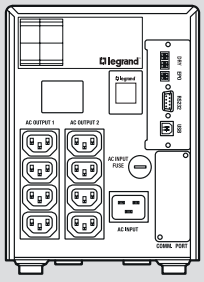

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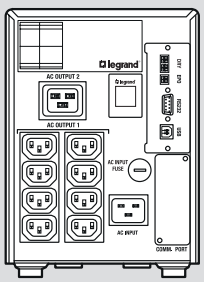

3 110 64

Keor SPE tower version

Line Interactive UPS - Single phase VI-SS

Characteristics

General specifications	3 110 60 3 112 55	3 110 61 3 112 56	3 110 62 3 112 57	3 110 63 3 112 58	3 110 64 3 112 59
Nominal Power (VA)	750	1000	1500	2000	3000
Active Power (W)	600	800	1200	1600	2400
Power Factor	0.8				
Technology	Line Interactive VI				
Waveform	Pure sinewave				
Input					
Number of input phases	1Ph				
Voltage (V)	Nominal: 230 / Range: 175 - 288 @ full load				
Frequency (Hz)	47-63Hz (50/60Hz auto-sensing)				
Output					
Output Voltage	230, adjustable to 200/208/220/230/240				
Frequency (Hz)	50 or 60Hz +/- 0.5 %				
Programmable Outlets	YES (1-group programmable)				
Number of output phases	1Ph				
Batteries					
Battery type	Lead-acid sealed without maintenance (VRLA)				
Battery replacement	Front Access (Hot-swappable)				
Charging Time (0-90%)	6-8 hours				
Communication and management					
Screen and signalling	Five buttons, display and three-colored LED Bar for real-time control of the status of the UPS				
Communication	RS232 - USB - SNMP Slot - EPO (ROO) 2-dry contacts				
Protections	Electronic circuits against overloads and short-circuit, back-feed, emergency power off (EPO), overtemperature				
Physical characteristics					
Dimensions W x H x D (mm)	170x238x325		170x238x438		
Net weight (kg)	14	14.5	18.9	23	26.5
Environmental conditions					
Operating temperature	0 - 40°C / +32°F - + 104° F				
Relative humidity range (%)	0-95% (Non-Condensing)				
Storage temperature	0 °C +50 °C / +32 °F to +122 °F				
Protection degree	IP20				
Acoustic Noise at 1m (dBA)	< 40				
Estimated content of circular economy derived materials*					
- Product alone	**10%**				
- Packaging only	**47%**				
- Total recyclability value of the product	**15%**				
Recyclability rate calculated using the method described in technical report IEC/TR 62635**	**≃ 77%**				
Conformity					
Reference product standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3				

*** The calculation of materials from the circular economy was done according to the new standard CEI/TR 62635.**
****This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product.**



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Head Office
and International Department
87045 Limoges Cedex - France
Phone: + 33 (0) 5 55 06 87 87

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